

B.E.G.**LUXOMAT®**

PD4-M-DAA4G-SM

Prod.No. 92743 EAN: 4007529927432

DALI PIR motion detector with integrated DALI application controller, 360° detection, and a range of up to 24 m (450 m²), Multimaster, with switching relay

Areas of application

- conference rooms
- classrooms/seminar rooms

Order data

| Designation | Colour | Art.No |
|----------------|--------|--------|
| PD4-M-DAA4G-SM | white | 92743 |

Accessories

| Designation | Colour | Art.No |
|----------------------------------|-------------|--------|
| BLE-IR-Adapter | black | 93067 |
| Socket IP54 PD4-TRIO-SM | white | 92386 |
| Wire basket BSK (Ø 164 x 143 mm) | white | 92467 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |
| Blinds PD4 | transparent | 92313 |
| Pendulum mounting set PD2/3/4 SM | white | 93179 |

Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 124 x 85 mm |
| Power consumption: | approx. 0.4 W |
| Detection area: | horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated |
| Range: | |
| Monitored area (tangential movement): | 450 m ² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 10 m / 2.5 m |
| Degree / class of protection: | IP20 / Class II |
| Impact strength: | IK04 |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | white mat, similar to RAL9010 |

DALI Control

| | |
|-----------------------|---|
| DALI output: | up to 64 DALI ballasts , can be grouped into 3 DALI groups plus blackboard lighting or HVAC control |
| Follow-up time: | 1 min – 150 min (Lighting zones) |
| Orientation light: | 10 – 30 % / OFF / 5 min – 60 min / ∞ |
| Brightness set value: | 10 – 2000 Lux |

Relay (dry NO)

| | |
|------------------|--|
| Switching power: | 2300 W, cos φ = 1 1150 VA, cos φ = 0.5 300 W LED |
| Follow-up time: | 5 sec – 120 min (HVAC) |
| Light measuring: | Mixed light measuring |

Product information

Flexible DALI Compact solution designed for conference rooms, training rooms and classrooms

High-sensitivity occupancy detector with the capability to address up to 64 DALI electronic ballasts (EB) automatically, with segmented control via 4 groups

Quick commissioning and maintenance processes via Smartphone/Tablet App (Android, iOS) - No PC-Tool required

3 lighting zones:

A for main lighting with segmented constant light regulation via 3 DALI groups and offset control,
B for lectern or blackboard lighting via separate DALI group,
C for lectern or blackboard lighting by integrated relay

Powerful switching relay for different operating modes, e.g. Cut-off function for DALI ballasts, HVAC, blackboard illumination.

Manual switching or dimming via conventional pushbuttons

Detection area can be extended with up to four Slave devices of type PD4-S-DAA4G

Complete range of functions can only be activated using the B.E.G. IR Adapter or the BLE-IR-Adapter and a compatible Smartphone or Tablet (Android, iOS).

External light sensor can be swivelled by 45

Avoidance of standby losses of the lighting system in accordance with EnEV DIN V 18599-4

Application examples:

conference rooms, classrooms/seminar rooms



Accessories



BLE-IR-Adapter

Art.No: 93067

Dimensions: 40 x 55 x 103 mm

Material color: black

Frequency: 2.4 GHz ISM band, GFSK

0.2 dBm + 5.3 dBi = 5.5 dBm



Socket IP54 PD4-TRIO-SM

Art.No: 92386

Degree / class of protection: IP54

Housing: polycarbonate, UV-resistant

Material color: white



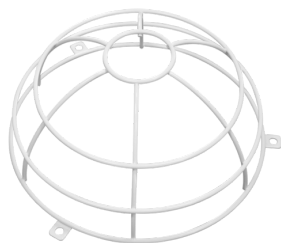
Wire basket BSK (Ø 164 x 143 mm)

Art.No: 92467

Dimensions: Ø 164 x 143 mm

Impact strength: IK09

Housing: coated steel basket



Wire basket BSK (Ø 200 x 90 mm)

Art.No: 92199

Dimensions: Ø 200 x 90 mm

Impact strength: IK09

Housing: coated steel basket



Blinds PD4

Art.No: 92313

Housing: Housing UV- and

shockresistant Polycarbonate

Material color: transparent



Pendulum mounting set PD2/3/4 SM

Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 :

Ø 113 x 34 mm

Housing: polycarbonate, UV-

resistant

Material color: white, similar to RAL9010